This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): An information processing apparatus comprising:

a)      encoding means for error detection or correction encoding information to be distributed in a Markup language description format used in a multimedia network,

said encoding means error detection or correction encoding at least a portion in a header in the information to be distributed with higher redundancy than an entity in the information to be distributed; and

b)      transmission means for multiplexing the information to be distributed encoded by said encoding means in a broadcast signal, and transmitting the multiplexed signal, wherein said transmission means is also arranged so as to multiplex second information including character information into the broadcast signal without using the Markup language description format to transmit the thus-multiplexed signal.

Claim 2 (Original): An apparatus according to claim 1, wherein the broadcast signal is an FM audio broadcast signal, and said transmission means frequency-multiplexes the information to be distributed in a frequency band different from an FM-modulated audio signal.

Claim 3      (Canceled)

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Claim 4 (Currently Amended): An apparatus according to claim 1, wherein ~~the second information includes character information, and~~ the Markup language description format is an HTML (HyperText Markup Language) format.

Claim 5 (Previously Amended): An apparatus according to claim 1, wherein the data format forms an error correction code, the information to be distributed is transmitted as an entity in the data format, and the header of the information to be distributed forms another error correction code.

Claim 6 (Original): An apparatus according to claim 1, wherein the information to be distributed can contain character information and image information as an entity thereof, and when the entity is the character information, the information to be distributed has higher redundancy than when the entity is the image information.

Claim 7 (Original): An apparatus according to claim 1, wherein the header of the information to be distributed is transmitted a plurality of number of times while being distributed in the entity.

Claim 8 (Currently Amended): An information processing apparatus comprising:

a) input means for inputting information to be distributed in a Markup language description format used in a multimedia network; and

b) transmission means for multiplexing the information to be distributed in a broadcast signal and transmitting the multiplexed signal,

wherein a portion of a header in the information to be distributed is transmitted at least a plurality of number of times while an entity in the information to be distributed is transmitted, and

wherein said transmission means is also arranged so as to multiplex second information <u>including character information</u> into the broadcast signal without using the Markup language description format to transmit the thus-multiplexed signal.

Claim 9        (Canceled)

Claim 10 (Currently Amended):  An apparatus according to claim 8, wherein ~~the second information includes character information, and~~ the Markup language description format is an HTML (HyperText Markup Language) format.

Claim 11 (Original):  An apparatus according to claim 10, wherein the data format forms an error correction code, and the header of the information to be distributed forms another error correction code.

Claim 12 (Currently Amended):  An information processing apparatus comprising:

    a)    encoding means for error detection or correction encoding information to be distributed in a Markup language description format used in a multimedia network; and

    b)    transmission means for multiplexing the information to be distributed encoded by said encoding means in a broadcast signal, and transmitting the multiplexed signal,

wherein a plurality of kinds of information are able to be transmitted as an entity in the information to be distributed, wherein said encoding means uses different error detection or correction ability in correspondence with the kind of information, and wherein said transmission means is also arranged so as to multiplex second information including character information into the broadcast signal without using the Markup language description format to transmit the thus-multiplexed signal.


Claim 13     (Canceled)


Claim 14 (Currently Amended):  An apparatus according to claim 12, wherein the second information includes character information; and the Markup language description format is an HTML (HyperText Markup Language) format.


Claims 15-17 (Canceled)


Claim 18 (Currently Amended):  An information processing method comprising the steps of:

error detection or correction encoding information to be distributed in a Markup language description format used in a multimedia network, at least a portion in a header in the information to be distributed being error detection or correction encoded with higher redundancy than an entity in the information to be distributed; and

multiplexing the encoded information to be distributed in a broadcast signal, and transmitting the multiplexed signal,

wherein said multiplexing step is also arranged so as to multiplex second

information including character information into the broadcast signal without using the Markup

language description format to transmit the thus-multiplexed signal.

Claim 19 (Currently Amended): An information processing method comprising

the steps of:

inputting information to be distributed in a Markup language description format

used in a multimedia network; and

multiplexing the information to be distributed in a broadcast signal and

transmitting the multiplexed signal, wherein a portion of a header in the information to be

distributed is transmitted at least a plurality of number of times while an entity in the information

to be distributed is transmitted, and wherein said multiplexing step is also arrange so as to

multiplex second information including character information into the broadcast signal without

using the Markup language description format to transmit the thus-multiplexed signal.

Claim 20 (Currently Amended): An information processing method comprising

the steps of:

error detection or correction encoding information to be distributed in a Markup

language description format used in a multimedia network; and

multiplexing the encoded information to be distributed in a broadcast signal, and

transmitting the multiplexed signal, wherein a plurality of kinds of information are able to be

transmitted as an entity in the information to be distributed, wherein different error detection or

correction ability is used in correspondence with the kind of information, and wherein said

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multiplexing step is also arranged so as to multiplex second information <u>including character information</u> into the broadcast signal without using the Markup language description format to transmit the thus-multiplexed signal.


Claim 21     (Canceled)


Claim 22 (Currently Amended): An information processing apparatus comprising[;]:

a)     reception means for receiving a first broadcast signal obtained by multiplexing first information to be distributed in a Markup language description format used in a multimedia network and a first error check code added for the information to be distributed, wherein said reception means is also arranged so as to receive a second broadcast signal provided by multiplexing second information <u>including character information</u> distributed without using the Markup language description format, and a second error check code; and

b)     processing means for performing error correction or detection processing of the information using the first error check code,

wherein said processing means is also arranged so as to execute the error correction or detection processing on the second information by using the second error check code, when the second broadcast signal is received by said reception means.


Claims 23-25 (Canceled)

Claim 26 (Currently Amended): An apparatus according to claim 22, wherein the

first ~~and second~~ information is character information, and wherein said apparatus further

comprises output means for outputting the character information processed by said processing

means to display means.


Claim 27 (Previously Amended): An apparatus according to claim 26, wherein

the first information includes image information, and said display means displays a message

indicating reception of the image information when the image information is received.


Claim 28 (Original): An apparatus according to claim 26, further comprising;

storage means for storing the information to be distributed; and

informing means for informing that the received information to be distributed is

stored in said storage means and has not been output to an external device.


Claim 29 (Previously Amended): An apparatus according to claim 22, wherein

the Markup language description format is an HTML (HyperText Markup Language) format.


Claims 30-31 (Canceled)


Claim 32 (Allowed): An information processing apparatus comprising:

a)      reception means for receiving a broadcast signal obtained by multiplexing

information to be distributed in a description format, used in a multimedia network, as an entity

of a data format used for multiplexing first character information in an FM audio signal; and

b)    display means for displaying the first character information,

said display means displaying second character information when the information

to be distributed has the second character information.


Claim 33 (Allowed):  An apparatus according to claim 32, wherein when the

information to be distributed has image information, said display means displays a message

indicating reception of the image information .


Claim 34 (Allowed):  An apparatus according to claim 32, wherein the

information to be distributed is information in an HTML (HyperText Markup Language) format.


Claims 35-37 (Canceled)


Claim 38 (Currently Amended):  An information processing method comprising

the steps of:

receiving a first broadcast signal obtained by multiplexing first information to be

distributed in a Markup language description format used in a multimedia network and a first

error check code added for the information to be distributed, wherein said receiving step is also

arranged so as to receive a second broadcast signal provided by multiplexing second signal

including character information distributed without using the Markup language description

format, and a second error check code; and

performing error correction or detection processing of the using the first error

check code,

wherein said performing step is also arranged so as to perform error correction or detection processing on the second information by using the second error check code, when the second broadcast signal is received in said receiving step.

Claim 39 (Canceled)

Claim 40 (Allowed): An information processing method comprising the steps of:

receiving a broadcast signal obtained by multiplexing information to be distributed in a description format, used in a multimedia network, as an entity of a data format used for multiplexing first character information in an FM audio signal; and

displaying second character information using display means for displaying the first character information when the information to be distributed has the second character information.

Claims 41-48 (Canceled)

Claim 49 (Currently Amended): An information processing apparatus comprising:

receiving means for receiving a broadcast signal, wherein said receiving means is arranged so as to receive a broadcast signal provided by multiplexing first information of a Markup language description format and a first check code for correcting an error in the first information, and a broadcast signal provided by multiplexing without using the Markup language description format, second information including character information and a second check code

for correcting an error in the second information, and wherein the first and second check codes

have a common code length;

reproducing means for reproducing by using the check code, the information

multiplexed in the broadcast signal received by said receiving means; and

outputting means for outputting the information reproduced by said reproducing

means to display means.


Claim 50 (Previously Presented): An information processing apparatus according

to claim 49, wherein the broadcast signal is an FM audio signal.


Claim 51 (Currently Amended): An information processing method comprising

the steps of:

receiving a broadcast signal, wherein said receiving step is arranged so as to

receive a broadcast signal provided by multiplexing first information of a Markup language

description format and a first check code for correcting an error in the first information, and a

broadcast signal provided by multiplexing without using the Markup language description

format, second information including character information and a second check code for

correcting an error in the second information, and wherein the first and second check codes have

a common code length;

reproducing the information multiplexed in the broadcast signal received in said

receiving step, by using the check code; and

outputting the information reproduced in said reproducing step to display means.